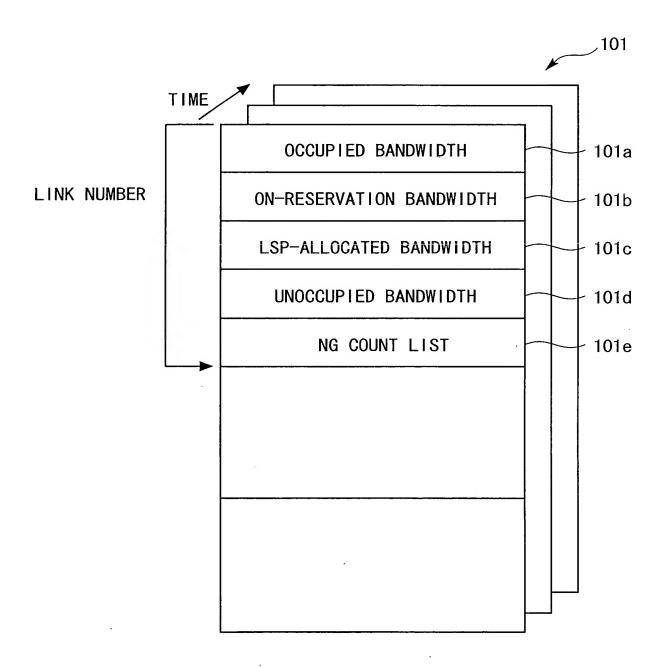
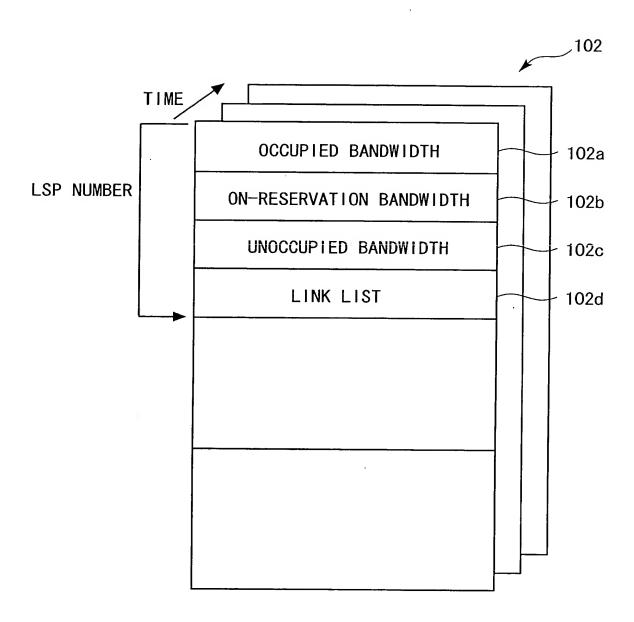
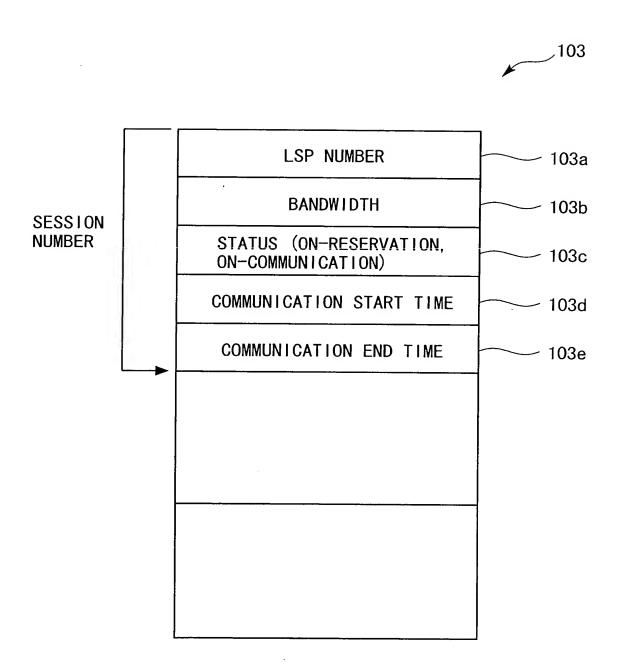
F/G. 2



F/G. 3



F/G. 4



#### F16.5

SESSION DATA STRUCTURE	
LSP-MAPPING DATA STRUCTURE LSP NUMBER OCCUPIED BANDWIDTH(0) ON-RESERVATION BANDWIDTH(0) UNOCCUPIED BANDWIDTH(0) LINK LIST(a-b-c)	LSP NUMBER  OCCUPIED BANDWIDTH(0)  ON-RESERVATION BANDWIDTH(0)  UNOCCUPIED BANDWIDTH(0)  LINK LIST(a-d-c)
LINK-MAPPING DATA STRUCTURE LINK NUMBER (a-b) OCCUPIED BANDWIDTH (0) ON-RESERVATION BANDWIDTH (0) LSP-ALLOCATED BANDWIDTH (0) UNOCCUPIED BANDWIDTH (5)	LINK NUMBER (a-d)  OCCUPIED BANDWIDTH (0)  ON-RESERVATION BANDWIDTH (0)  LSP-ALLOCATED BANDWIDTH (0)  UNOCCUPIED BANDWIDTH (10)  NG COUNT LIST

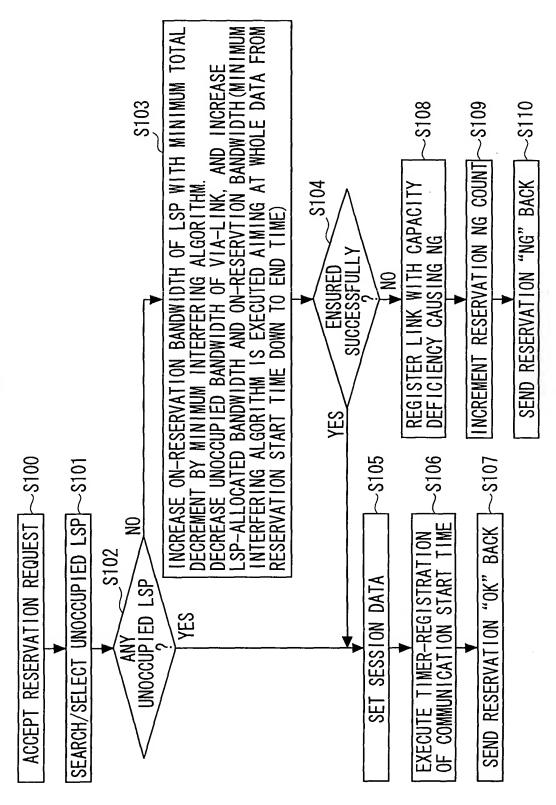
LSP NUMBER

OCCUPIED BANDWIDTH(0)

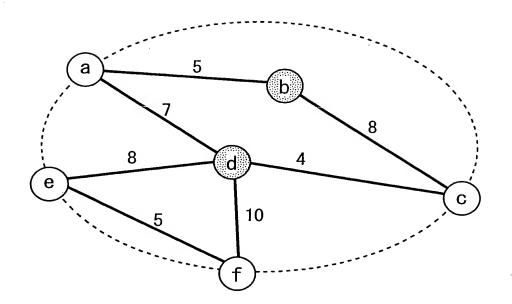
ON-RESERVATION BANDWIDTH(0)

UNOCCUPIED BANDWIDTH(0)

LINK LIST(a-d-f)



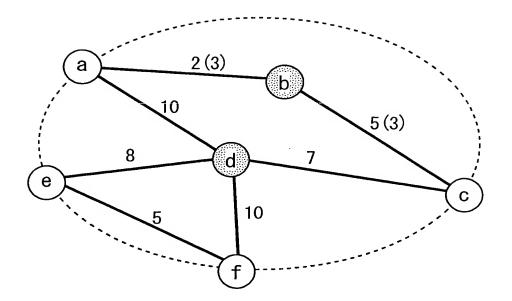
F/G. 7



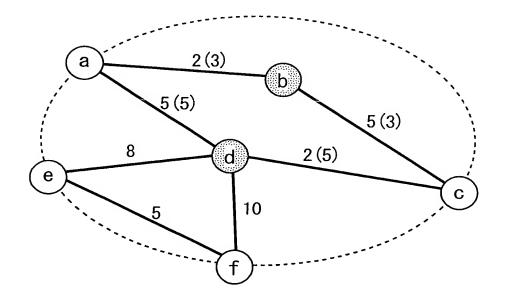
SESSION DATA STRUCTURE SESSION NUMBER#1	BANDW I DTH (3)	STATUS (ON-RESERVATION)	COMMUNICATION START TIME	2002. 9. 20 10:00	COMMUNICATION END TIME	2002. 9. 20 10:30						
LSP-MAPPING DATA STRUCTURE LSP NUMBER#a OCCUPIED BANDWIDTH(0)	ON-RESERVATION BANDWIDTH(3)	UNOCCUPIED BANDWIDTH(0)	LINK LIST (a-b-c)				LSP NUMBER#b	OCCUPIED BANDWIDTH(0)	ON-RESERVATION BANDWIDTH(0)	UNOCCUPIED BANDWIDTH(0)	LINK LIST (a-d-c)	
LINK-MAPPING DATA STRUCTURE LINK NUMBER(a-b) OCCUPIED BANDWIDTH(0)	ON-RESERVATION BANDWIDTH (3)	LSP-ALLUCAIED BANDWIDIH(3, a)	UNOCCUPIED BANDWIDTH(2)	NG COUNT LIST		LINK NUMBER (a-d)	OCCUPIED BANDWIDTH(0)	ON-RESERVATION BANDWIDTH(0)	LSP-ALLOCATED BANDWIDTH(0)	UNOCCUPIED BANDWIDTH(10)	NG COUNT LIST	

LSP NUMBER#C

F/G. 9

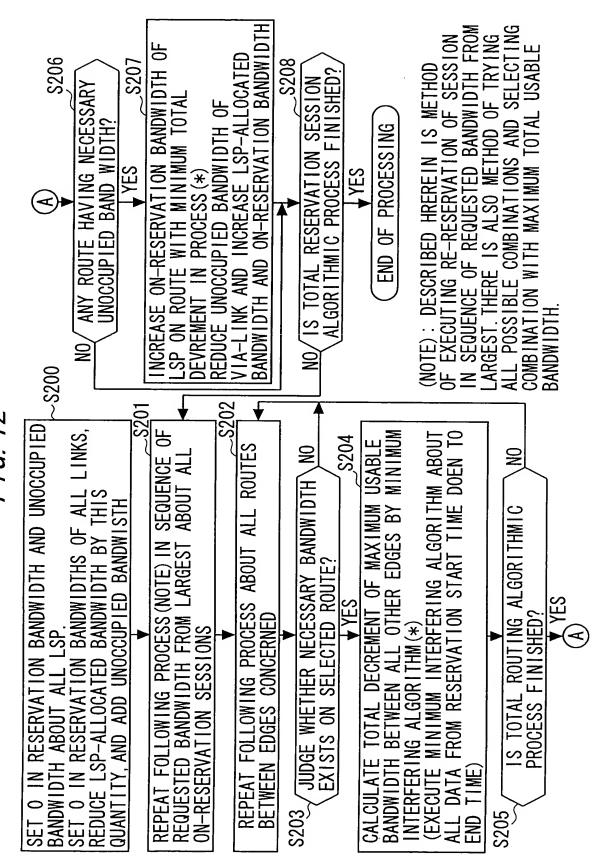


F/G. 10



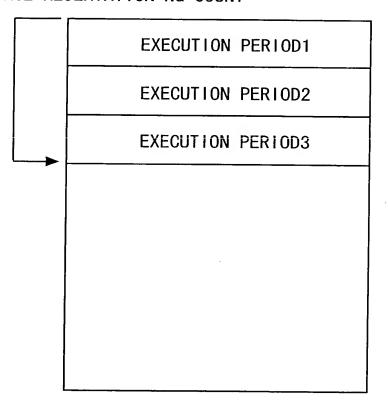
### F/G. 11

F16. 12

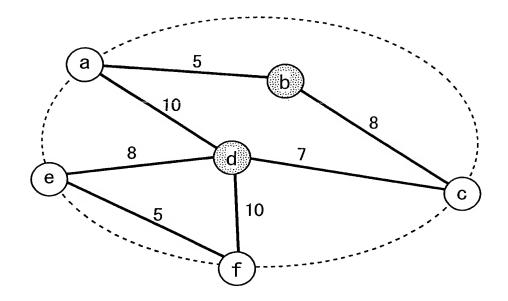


F/G. 13

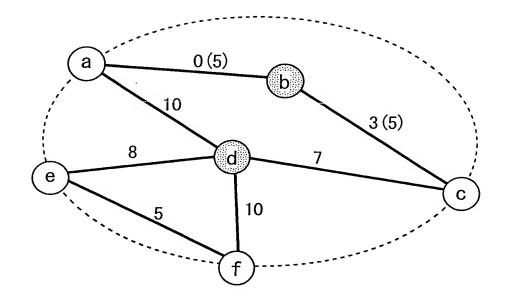
#### RESOURCE RESERVATION NG COUNT



F/G. 14



F/G. 15



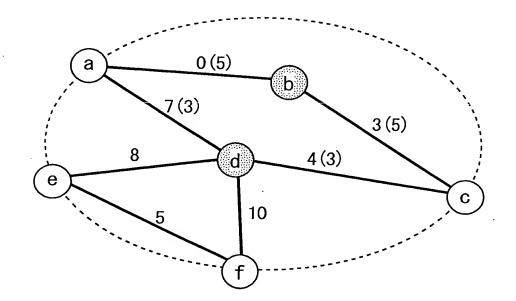
# F1G. 16

SESSION DATA STRUCTURE SESSION NUMBER#1 LSP NUMBER(*) RANDWIDTH(3)	STATUS (ON-RESERVATION) COMMUNICATION START TIME 2002. 9. 20 10:00	COMMUNICATION END TIME 2002. 9. 20 10:30	SESSION NUMBER#2  LSP NUMBER(*)	STATUS (ON-RESERVATION)	COMMUNICATION START TIME 2002. 9. 20 10:00	COMMUNICATION END TIME 2002. 9. 20 10:30			
LSP-MAPPING DATA STRUCTURE LSP NUMBER#a  OCCUPIED BANDWIDTH(0) ON-RESERVATION BANDWIDTH(0)	UNOCCUPIED BANDWIDTH(0) LINK LIST(a-b-c)	I SP NIMBER#5	OCCUPIED BANDWIDTH(0)	ON-RESERVATION BANDWIDTH(0) UNOCCUPIED BANDWIDTH(0)	LINK LIST (a-d-c)		LSP NUMBER#c OCCUPIED BANDWIDTH(0)	ON-RESERVATION BANDWIDTH(0) UNOCCUPIED BANDWIDTH(0)	LINK LIST(a-d-f)
LINK-MAPPING DATA STRUCTURE LINK NUMBER(a-b) OCCUPIED BANDWIDTH(0) ON-RESERVATION BANDWIDTH(0)	LSP-ALLOCATED BANDWIDTH(0) UNOCCUPIED BANDWIDTH(5) NG COUNT LIST	LINK NUMBER (a-d)	ON-RESERVATION BANDWIDTH(0)	LSP-ALLOCATED BANDWIDTH(0) UNOCCUPIED BANDWIDTH(10)	NG COUNT LIST				

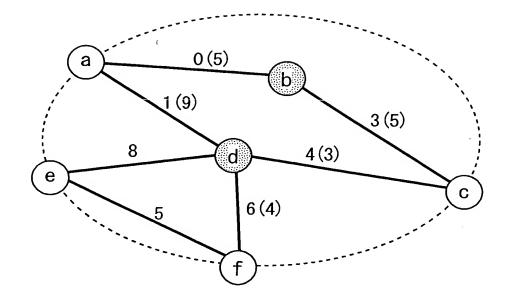
# F16.17

SESSION DATA STRUCTURE SESSION NUMBER#1	LSP NUMBER (*)	BANDWIDTH (3)	STATUS (ON-RESERVATION)	COMMUNICATION START TIME 2002. 9. 20 10:00	COMMUNICATION END TIME 2002. 9. 20 10:30	SESSION NUMBER#2	LSP NUMBER(a)	BANDWIDTH(5)	STATUS (ON-RESERVATION)	COMMUNICATION START TIME 2002. 9. 20 10:00	COMMUNICATION END TIME 2002. 9. 20 10:30					
LSP-MAPPING DATA STRUCTURE LSP NUMBER#a	OCCUPIED BANDWIDTH(0)	ON-RESERVATION BANDWIDTH(5)	UNOCCUPIED BANDWIDTH(0)	LINK LIST (a-b-c)		LSP NUMBER#b	OCCUPIED BANDWIDTH(0)	ON-RESERVATION BANDWIDTH(0)	UNOCCUPIED BANDWIDTH(0)	LINK LIST (a-d-c)		LSP NUMBER#c	OCCUPIED BANDWIDTH(0)	ON-RESERVATION BANDWIDTH(0)	UNOCCUPIED BANDWIDTH(0)	LINK LIST (a-d-f)
LINK-MAPPING DATA STRUCTURE LINK NUMBER(a-b)	OCCUPIED BANDWIDTH(0)	ON-RESERVATION BANDWIDTH(5)	LSP-ALLOCATED BANDWIDTH(5, a)	UNOCCUPIED BANDWIDTH(0)	LINK NUMBER (a-d)	OCCUPIED BANDWIDTH(0)	ON-RESERVATION BANDWIDTH(0)	LSP-ALLOCATED BANDWIDTH(0)	UNOCCUPIED BANDWIDTH(10)	NG COUNT LIST						

F/G. 18



F/G. 19



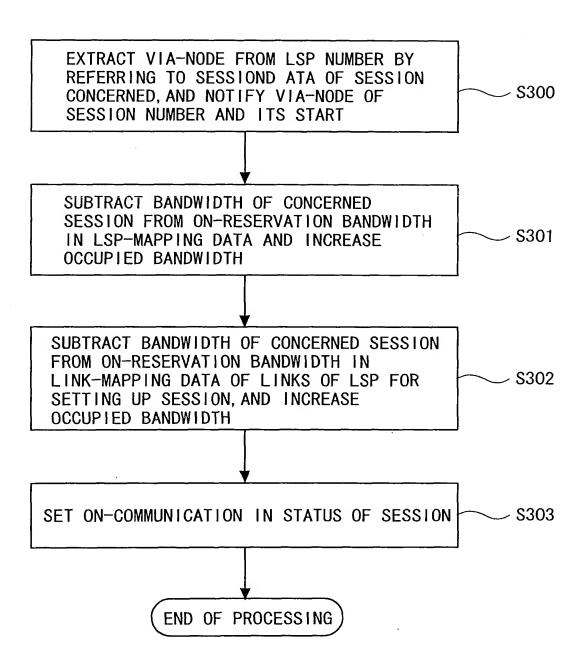
## F1G. 20

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	SESSION DATA STRUCTURE SESSION NUMBER#1	LSP NUMBER(b)	BANDWIDTH(3)	STATUS (ON-RESERVATION)	COMMUNICATION START TIME	2002. 9. 20 10:00	COMMUNICATION END TIME 2002 9 20 10:30	OFFICE ALL MINISTRA	SESSION NUMBER#Z	LSP NUMBER(a)	BANDWIDTH(5)	STATUS (ON-RESERVATION)	COMMUNICATION START TIME	2002. 9. 20 10:00	COMMUNICATION END TIME	2002. 9. 20 10:30					
F/G. 20	LSP-MAPPING DATA STRUCTURE LSP NUMBER#a	OCCUPIED BANDWIDTH(0)	ON-RESERVATION BANDWIDTH(5)	UNOCCUPIED BANDWIDTH(0)	LINK LIST(a-b-c)			ליים יים יים יים יים יים יים יים יים יים	LSP NUMBER#D	OCCUPIED BANDWIDTH(0)	ON-RESERVATION BANDWIDTH(3)	UNOCCUPIED BANDWIDTH(0)	LINK LIST (a-d-c)				LSP NUMBER#c	OCCUPIED BANDWIDTH(0)	ON-RESERVATION BANDWIDTH(0)	UNOCCUPIED BANDWIDTH(0)	LINK LIST (a-d-f)
	LINK-MAPPING DATA STRUCTURE LINK NUMBER(a-b)	OCCUPIED BANDWIDTH(0)	ON-RESERVATION BANDWIDTH(5)	LSP-ALLOCATED BANDWIDTH(5, a)	UNOCCUPIED BANDWIDTH(0)	NG COUNT LIST	I INK NIMBER (9-d)		OCCUPIED BANDWIDTH(0)	ON-RESERVATION BANDWIDTH(3)	LSP-ALLOCATED BANDWIDTH(3, b)	UNOCCUPIED BANDWIDTH(7)	NG COUNT LIST								

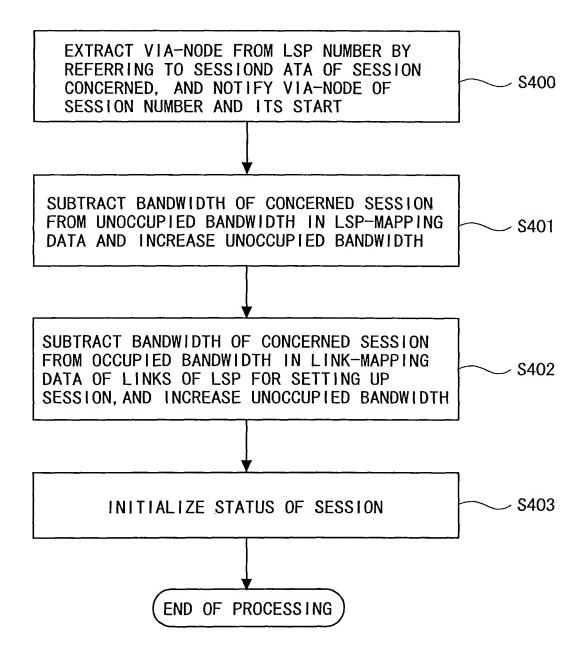
## F1G. 21

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	SESSION DATA STRUCTURE SESSION NUMBER#1	LSP NUMBER(b)	BANDWIDTH(3)	STATUS (ON-RESERVATION)	COMMUNICATION START TIME	COMMUNICATION FND TIME	2002. 9. 20 10:30	SESSION NUMBER#2	LSP NUMBER(a)	BANDWIDTH(5)	STATUS (ON-RESERVATION)	COMMUNICATION START TIME	COURT OF THE	2002. 9. 20 10:30	SESSION NUMBER#3	LSP NUMBER(C)	BANDWIDTH(6)	STATUS (ON-RESERVATION)	COMMUNICATION START TIME	COMMINICATION FULL	SOUND CALLON END LIME	2002. 3. 20 10.30
77.5	LSP-MAPPING DATA STRUCTURE LSP NUMBER#a	OCCUPIED BANDWIDTH(0)	ON-RESERVATION BANDWIDTH(5)	UNOCCUPIED BANDWIDTH(0)	LINK LIST (a-b-c)			LSP NUMBER#b	OCCUPIED BANDWIDTH(0)	ON-RESERVATION BANDWIDTH(3)	UNOCCUPIED BANDWIDTH(0)	LINK LIST (a-d-c)			LSP NUMBER#c	OCCUPIED BANDWIDTH(0)	ON-RESERVATION BANDWIDTH(6)	UNOCCUPIED BANDWIDTH(0)	LINK LIST(a-d-f)			
	LINK-MAPPING DATA STRUCTURE LINK NUMBER(a-b)	OCCUPIED BANDWIDTH(0)	ON-RESERVATION BANDWIDTH(5)	LSP-ALLOCATED BANDWIDTH(5, a)	UNOCCUPIED BANDWIDTH(0)	ING COUNT LIST	LINK NUMBER(a-d)	OCCUPIED BANDWIDTH (0)	ON-RESERVATION BANDWIDTH (3)	LSP-ALLOCATED BANDWIDTH (3, b:6, c)	UNOCCUPIED BANDWIDTH(1)	NG COUNT LIST										

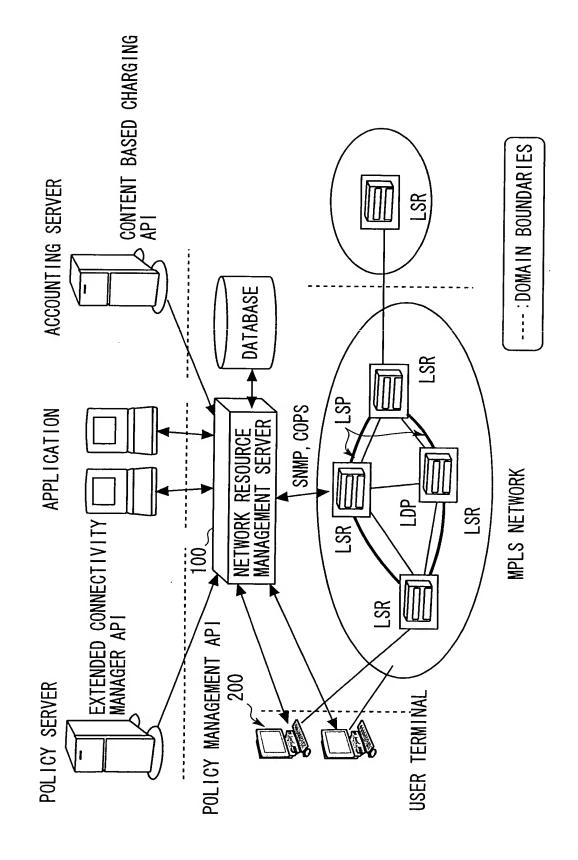
#### F/G. 22

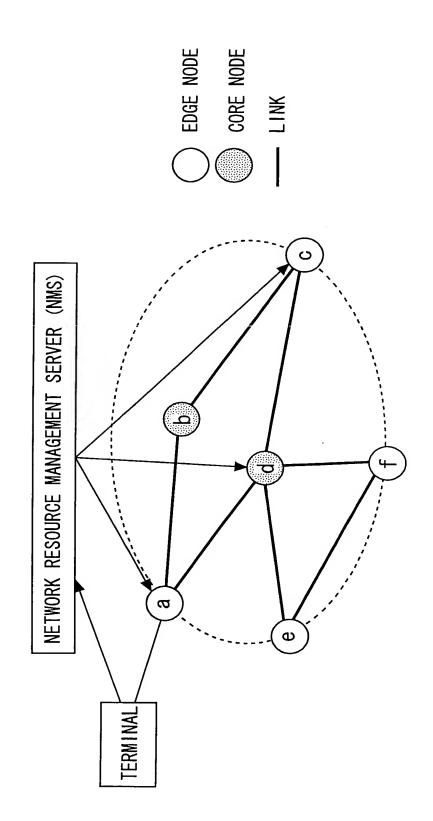


F/G. 23



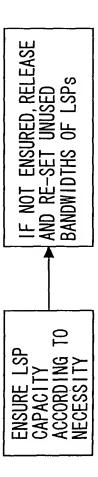
F1G. 24





### F/G. 26





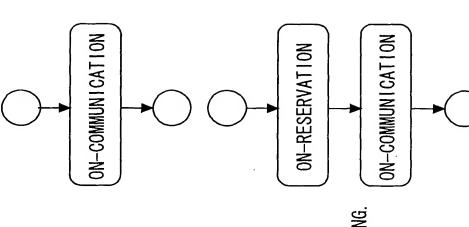
THIS IS EXTENDED UNDER FOLLOWING CONDITIONS.

LSP USED BY ON-COMMUNICATION SESSION CAN NOT BE CHANGED. LSP USED BY ON-RESERVATION SESSION CAN NOT BE CHANGED.

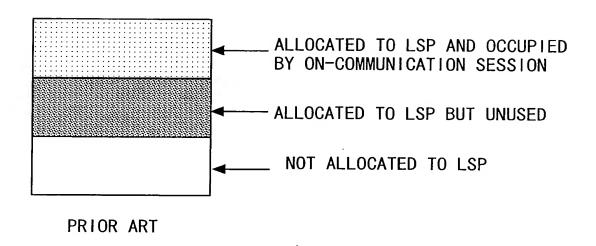


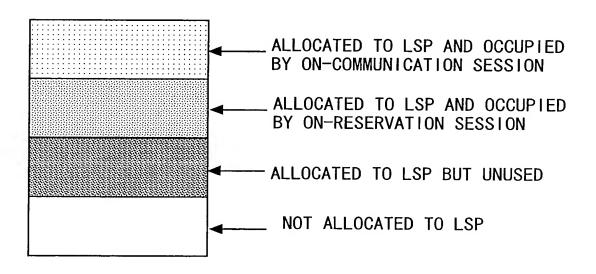
INCREASE WEIGHT OF ROUTE WITH BANDWIDTH THAT COULD NOT BE ENSURED BY MINIMUM INTERFERING ALGORITHM WHEN RE-SETTING. PERIODICALLY EXECUTE RE-SETTING.

THIS PROCESS ENABLES BOTH OF MINIMIZATION OD DELAY OF PROCESSING AND PREVENTION OF INCREASE IN PROCESSING LOAD.



F/G. 27





RESERVATION SERVICE TAKEN INTO CONSIDERATION